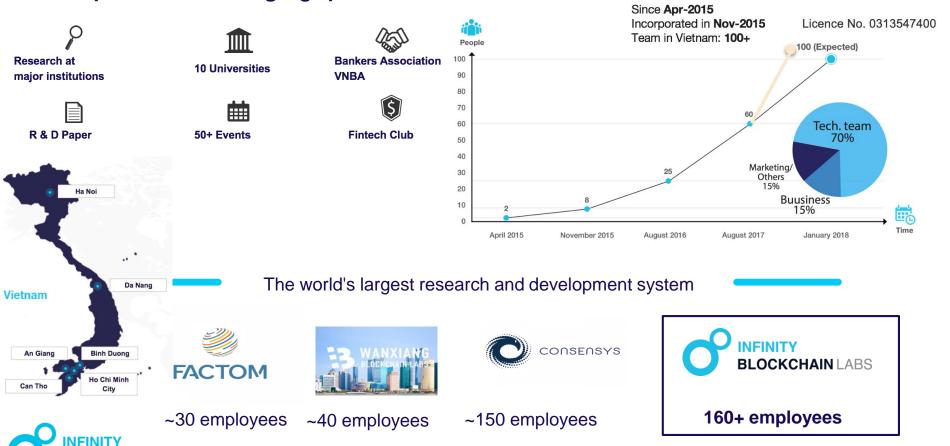


Giới thiệu Infinity Blockchain Labs

BLOCKCHAIN LABS

- Đơn vị dẫn đầu về Công Nghệ 4.0 Blockchain tại Việt Nam và Quốc Tế





HCM University of Technology CARDANO Labo

IBL Phối hợp với Đại Học Bách Khoa TP.HCM

Tổ chức khóa học Chính quy về Công nghệ Blockchain đầu tiên tại Việt Nam

(11 Khóa ~ 500 Học viên, Bao gồm: Kỹ sư, Người quản lý, Doanh nghiệp ứng dụng công nghệ cao)





Liên kết với Các Trường Đại Học tại Việt Nam

(Hợp tác với hơn 20 trường Đại Học tại Việt Nam: Phổ cập Công nghệ)









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verified create a ersonal ng and

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aleckamin place As a global blockchain pioneer, IBL is committed organis, and focuses on awareness programs throughout

fransforming the Way Businesses run with Blockchain Mr. Junya Yamamoto, General Director, IBL believes that Mr. Junya in a secknology is capable of transforming the way he world does business. IBL was founded back in 2015 due whe commitment and determination of the co-founders to and comments of nascent blockchain technology.

The company develops solutions mainly on Fintech al Regulatory Technology) to capture the next garanon of blockchain - Blockchain 3.0 - where blockchain achology can transform all major industries and engage ager eacholders including regulators, enterprises, and graps. RegTech Lab researches technologies, services, ad products that can ensure blockchain solutions

adoperations are fully compliant and adhere to il regulations. The customized efforts ensure partial groups and companies minimize lead risk while maximizing freedom.

Spearheading Innovation

The lack of mainstream applications and use cast is a common challenge to blockchain sistion providers. Infinity Blockchain Lis aims to diversify their personality as well as accelerate 20C development and route to meter, bringing life-changing and issal disruption of blockchain. The company also incubates early sue blockchain-based concepts. while empowering and enhancing seh ideas or products continually frough their development prowess.

The Middleware Isfnry Blockchain Labs' vision refere in all major activities of the

e gransformation of Vietnam into the Global company - from development, partnership expansion to ransformation of the company of the community outreach. The company is working on Infinito chean run.

- a blockchain-as-a-service platform and Blockpass -Esometo anu and Biockehain ecosystem blockehain-based AML/KYC protocol. Both projects aim are the a global consequence consult and enhance enterprise-grade and a placent manifest and a placent manifest and a placent manifest man and market-ready solutions or applications, allowing shorter route-to-market cycle and enhance market feasibility and product offerings.

> (Regulatory Technology) to capture the next generation

Blockpass Lab is dedicated to researching and developing full compliance solutions that unite individuals, devices, objects, businesses and governments. Blockpass nables vendors, merchants and users to communicate, transact and get their identity verified through a one-stopshop gateway. This helps to reduce friction, processing time as well as costs for the users. Infinity Blockchain Labs has offered Blockpass service to retailers and financial institutions in Hong Kong, Japan, and SE Asia and the service has solved several pain points of multiple industries and institutions.

Increasing the Footprint

Junya Yamamoto,

General Director

The company is in the process of expanding their workforce exponentially in response to customers' demands. "We are also exploring public and private blockchain to diversify our offerings to customers," adds Mr. Yamamoto. Moreover, Infinity Blockchain Labs aims to reach out to other markets in SE Asia. Together with their partners in Hong Kong, Japan and the UK the company is truly becoming an international hub for blockchain solutions. ace

DO-00 33 vol 201

Infinity Blockchain Labs

Recognized as

APAC CIDOutlook TOP 10 **BLOCKCHAIN TECHNOLOGY SOLUTION PROVIDERS - 2018**

The annual listing of top companies providing Blockchain Technology Solutions in the APAC region

Annie Johnson

Managing Editor

INFINITY **BLOCKCHAIN LABS**

What people say about Blockchain?

■ FORTUNE

J.P. Morgan Is Launching a Payments Network Using Blockc...







Jamie Dimon doesn't like bitcoin, but he feels differently about blockchain.

By Reuters October 16, 2017 October 16, 2017

J.P. Morgan Chase & Co said on Monday it launched a new payment processing network that uses blockchain technology, in partnership with Royal Bank of Canada and Australia and New Zealand Banking Group.



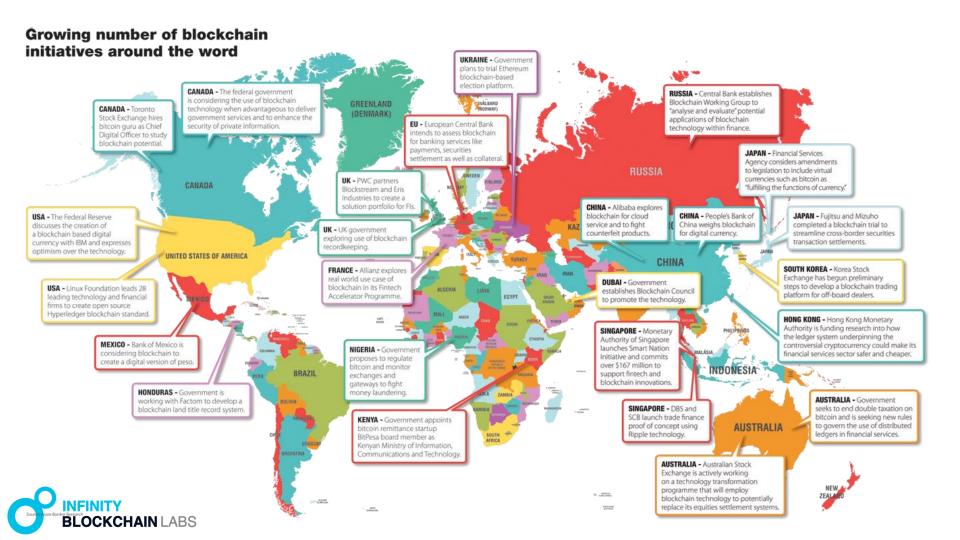




"Blockchain will do for transactions what the internet did for information."

Ginni Rometty IBM CEO





Bitcoin's Blockchain Is the Heart of Industry 4.0

"The blockchain is fast becoming a symbol of the fourth industrial revolution"

After steam, electricity and computing, **deep digital transformation** is now upon us.

It is heralded as the next big disruptor, it's got geeks and banks in a tizzy, but as yet there's little mainstream evidence of major impact.



Klaus Schwab

As Klaus Schwab, Founder and Executive Chairman, World Economic Forum, put it, "One of the main features of the Fourth Industrial Revolution is that it does not change what we are doing, it changes us."

"Intelligent assets are also a key feature of the fourth industrial revolution"

For intelligent assets to create value in the circular economy, the development of an **open and global payment protocol** is required.



Coincidentally, Bitcoin and its **blockchain technology** are ideal for implementing the shift to the **global, trustless, and open new economy**.

They can fuel this new economy by allowing millions of **smart devices** to perform transparent and frictionless financial transactions, **without human intervention**, in the IoT universe.

Intelligent Assets Report cites
Blockchain co-founder, Nicolas Cary
INFINITY
BLOCKCHAIN LABS

KEMP IT LAW

T Law at the Apex

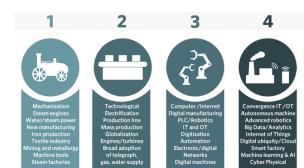
UK: The Fourth Industrial Revolution: Blockchain And Smart Contracts

INDUSTRY 4.0 - the digital transformation

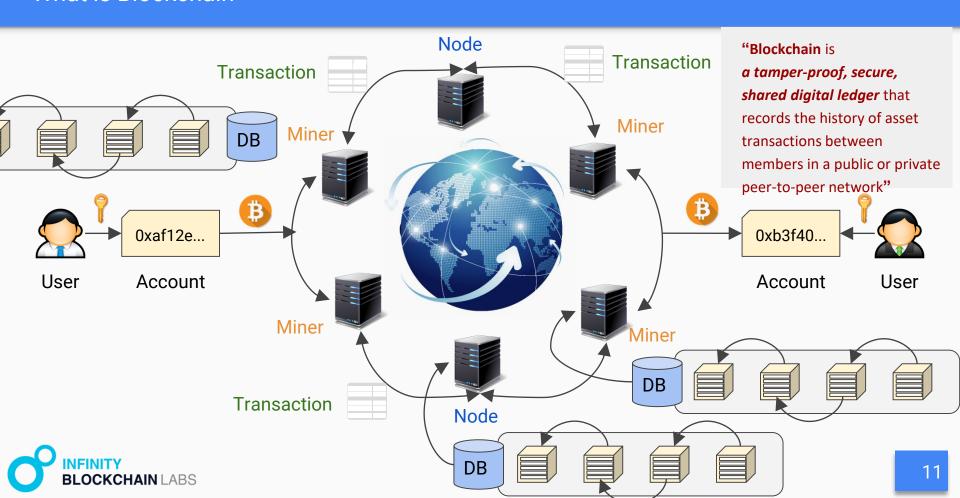
3rd platform, innovation accelerators, OT and manufacturing meet in transformation



FROM INDUSTRY 4.0 TO FOURTH INDUSTRIAL REVOLUTION



What is Blockchain



4 key components in blockchain

- Database of transactions.
- Append-only.

Shared Ledger

Cryptography

Ensure transactions are secure, valid, authenticated.

- Peer-to-Peer network.
- The Ledger is shared across P2P network.

Network

Consensus Mechanism

- All parties agree to verify transaction.
- Responsible for updating ledger.





"WHAT?"

"SMART" CONTRACT?





Voluntary arrangement



Two or more parties



Enforceable by "CODE"



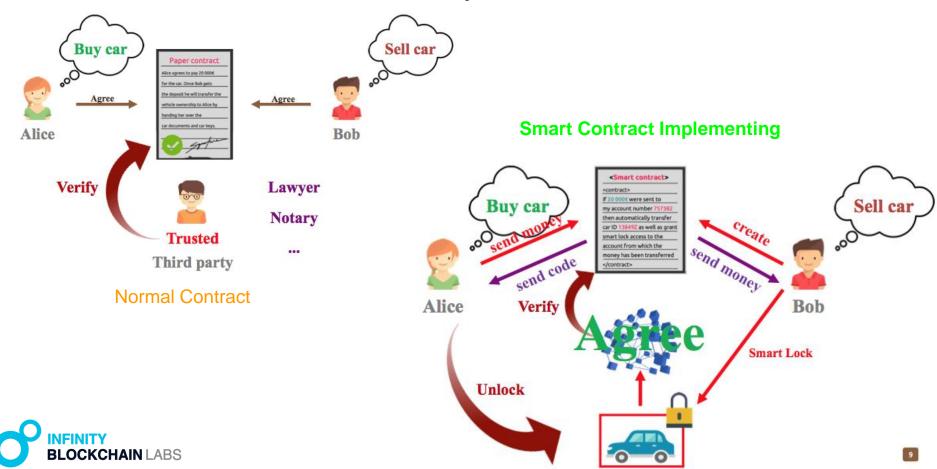
"WHAT?"

"SMART" CONTRACT?





Smart Contract Case Study



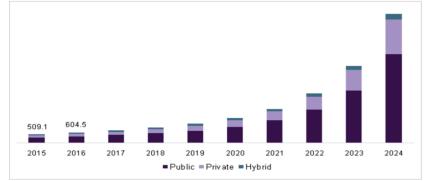
Global blockchain technology market by type, 2015 - 2024 (USD Million)

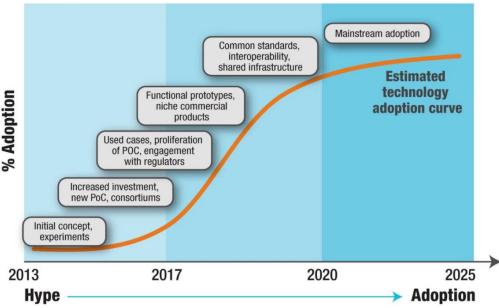


Blockchain Technology Market Analysis By Type (Public, Private, And Hybrid), By Application (Financial Services, Consumer/Industrial Products, Technology, Media & Telecom, Healthcare, Transportation, And Public Sector), By Region, & Segment Forecasts, 2015 - 2024

The worldwide blockchain technology market is forecast to reach \$7.74 billion by 2024, with the financial services sector accounting for the majority of the future market growth

Source: Grand View Research, 2017 Should we work with Bitcoin or the blockchain? Bitcoin Blockchain Should we market ourselves as a Bitcoin or fintech company? Should we build enterprise products, consortia or infrastructure Fintech Bitcoin Enterprise Consortia Infrastructure Abra. Align Commerce. BitGo, BitPay, Chain, Consensys, R3CEV Blockcypher. Blockchain, Coinbase, Circle, Uphold Digital Asset Holdings, Blockstream. itBit, Ripple Ethereum, Factom







Examples of Solution Estimated Potential Use Cases of Blockchain and their Benefits **Providers** Potential Use Case Implementation Key Benefits Cost Savings per Year · Removal of manual multiple duplicative KYC and accelerated onboarding process 6-8 \$Billion · On boarding new customers Algorythmix, KYCK! . Up to 90% reduction in admin costs and identity management and Worth of Cost KYC-Chain. 2018-2020 Reduction in AML risks/frauds. Savings in KYC Synechron, Tradle, KYC/AML authentication for policy associated penalties and fines Compliance Trunomi, ShoCard holders using blockchain as a · Increased transparency and central utility transaction monitoring Sending Bank Sending Correspondent & Central Receiving Bank Central Receiving Counterparty Liquidity Provider Correspondent Counterparty · Reduction in paper intensive · Transfer of trade documents and manual processes and · Provenance and supply chain document sharing/courier costs management using IoT . ING, Societe Generale, · Reduction in the current trade 0 . 0 · Loans and credit financing -\$30-40 Tallysticks, Alfa-Bank, finance gap - especially in 2017-2019 focus on SMEs \$Billion Barclays, Tallysticks, emerging economies Trade · Use of smart contracts to · Freeing capital tied up in trade Everledger, Bitbond Finance automate payment process. finance processes Receiving Bank Sending Bank MXN Bank KRW Bank elimination of need for financial intermediaries and instruments such as L/C 4.4% Underwriting/Pricing Fee Payments and Collections 3% (FX) · Reduce average claims 2+ days Claim Management administration costs 40 -50 \$Billion Auxesis, Safeshare, Insurance · Risk Management · Reduce damage from fraud cut in costs and Kvobo, Generali, 2022 onwards Time · New Products such as · Improve identification of claim AXA expenses Microinsurance and P2P events Insurance · Automatic pay outs ~3.5% 1+ day Elimination of paper based Verse, Abra. Transfer of money using 3-5 processes P2P BitPesa 2016-2019 digital currencies or · Lower processing fee \$Billion CoinPip **Payments** cryptocurrencies Reduction in processing time 3-55 0.0007\$ · Removal in lag between trade Mutualization of Data and settlement time · Automatic transaction matching, 50-60 \$Billion Digital Assets Holding, Capital · No central clearing system reconciliation and settlement in operational Equichain, 2020 onwards Markets required Automatic DVP on cash ledger Clearmatics, NASDAO and IT costs **PayPal** Reduction in Errors · Repurchase agreements matching Elimination of paper based Syndicated Data communication Accelerated settlement time Loans Automatic position reconciliation 10-15 Removal of need for reconciliation 2018-2022 Synapsioans \$Billion Reduced errors and dsicrepancies **BLOCKCHAIN LABS**

Blockchain use cases list by industry

Financial

Trading Deal origination POs for new securities Equities Fixed income Derivatives trading Total Return Swaps (TRS) 2nd generation derivatives The race to a zero middle office Collateral management Settlements **Payments** Transferring of value Know your client (KYC) Anti money laundering Client and product reference data. Crowd Funding Peer-to-peer lending Compliance reporting Trade reporting & risk visualizations Betting & prediction markets

Insurance

Claim filings
MBS/Property payments
Claims processing & admin
Fraud prediction
Telematics & ratings

Media

Digital rights mgmt
Game monetization
Art authentication
Purchase & usage monitoring
Ticket purchases
Fan tracking
Ad click fraud reduction
Resell of authentic assets
Real time auction & ad placements

Computer Science

Micronization of work (pay for algorithms, tweets, ad clicks, etc.) Expanse of marketplace Disbursement of work Direct to developer payments API platform plays Notarization & certification P2P storage & compute sharing DNS

Medical

Records sharing Prescription sharing Compliance Personalized medicine DNA sequencing

Asset Titles

Diamonds
Designer brands
Car leasing & sales
Home Mortgages & payments
Land title ownership
Digital asset records

Government

Voting Vehicle registration WIC, Vet, SS, benefits, distribution Licensing & identification Copyrights

Identity Personal

Objects
Families of objects
Digital assets
Multifactor Auth
Refugee tracking
Education & badging
Purchase & review tracking
Employer & Employee reviews

IoT

Device to Device payments Device directories Operations (e.g. water flow) Grid monitoring Smart home & office management Cross-company maintenance markets

Payments

Micropayments (apps, 402) B2B international remittance Tax filing & collection Rethinking wallets & banks

Consumer

Digital rewards Uber, AirBNB, Apple Pay P2P selling, craigslist Cross company, brand, loyalty tracking

Supply Chain

Dynamic ag commodities pricing Real time auction for supply delivery Pharmaceutical tracking & purity Agricultural food authentication Shipping & logistics management



Blockchain applying on Crowdfunding (ICOs)

TenX \$67M







Tezos \$232M





Bancor \$150M

Filecoin \$252M





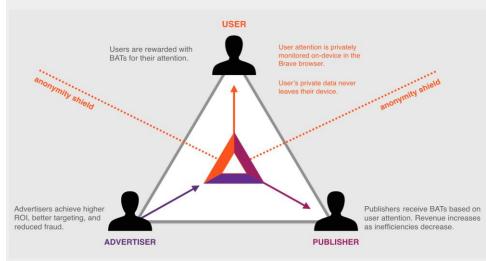
Brave ICO: \$35 million

30 seconds





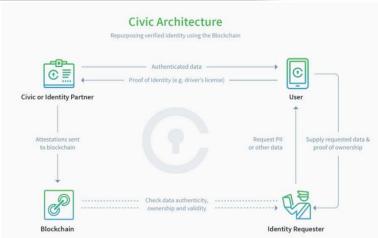
Brendan Eich





Blockchain applying on **Public Services**





Blockchain applying on Supply Chain







Track and trace Chinese pork





Kiểm tra nguồn gốc sản phẩm trên Blockchain

Thông tin sản phẩm

- Mã sản phẩm: 62515327
- Tên sản phẩm: XOÀI CAO LÃNH (CÁT CHU)
- Ngày sản xuất: 2018-04-05
- Số ngày đã xuất xưởng: 4
- Vị của xoài

Thông tin nhà cung cấp

- Tên nhà cung cấp: HỢP TÁC XÃ XOÀI MỸ XƯƠNG
- · Địa chỉ: Số 637, Khu dân cư Trung tâm, ấp Mỹ Thời, xã Mỹ Xương, huyên Cao Lãnh, tỉnh Đồng Tháp
- Mã số thuế: 1401541495
- Giống: Xoài Cao Lãnh (Cát Chu)
- Tổ sản xuất: Tất cả các tổ sản xuất thuộc Hợp tác xã
- Xoài an toàn, sản xuất theo tiêu chuẩn VietGAP
- Liên hê: 0918.699.578 (Mr. Cần)

Thông tin trên Blockchain

- Dia chi Ethereum Blockchain: 62515327
- Để kiểm tra, click vào đây, sau đó bấm "Convert to Ascii" để xem thông tin

Triển khai và giới thiệu giải pháp "Truy xuất nguồn gốc Xoài sử dụng công nghệ cao" tại các Hội Nghị trong và ngoài nước



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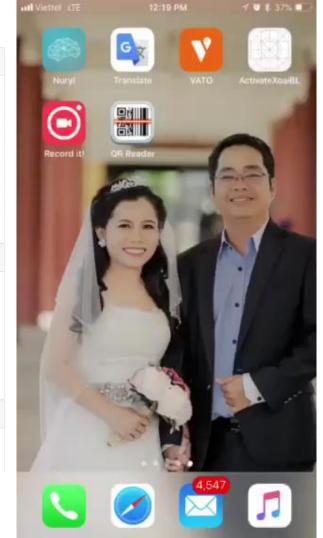
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Blockchain Legal & Regulation - Main focusing of countries

- (1) developing a legal framework for management,
- (2) issuing tax policies for investment and business of cryptocurrency,
- (3) having policy for protecting the cryptocurrencies' owner,
- (4) **prohibiting** transactions of cryptocurrency which issued **personally**.



